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M-AUDIO®

USER GUIDE

Nova
studio microphone

care & usage

Introduction

Thank you for purchasing the Nova microphone from M-Audio. Please take a few moments to familiarize yourself with your new microphone by reading this guide.

> **Important:** Please fill out and mail your warranty card for the Nova immediately so that we may provide you with support for your microphone.

Features

- 1.1" diameter evaporated gold diaphragm
- single-pattern cardioid
- solid brass capsule and body
- 20Hz-18kHz frequency response

Unpacking

The container for your microphone was carefully constructed for protection during shipping. Please save this packaging for storage or traveling with your Nova microphone. If your box does not include the following items, please contact your dealer immediately:

1) M-Audio Nova microphone
2) soft case
3) hard mount
4) XLR microphone cable

Connections and Phantom Power

The M-Audio Nova microphone outputs a balanced, low-impedance signal. It is designed to be connected to the mic-level inputs of a mixer channel or a dedicated high-quality preamp such as M-Audio's DMP3 or TAMPA.

As with all condenser microphones, your Nova requires power in order to operate. You will need to connect the Nova via XLR connection to a preamp or mixer channel strip that supplies +48V phantom power (phantom power shares the same XLR cable as the audio from the microphone). In order to avoid pops and surges that can damage components like speakers and microphones, always perform the following steps (in the order listed) when connecting the mic and/or cable:

1. Turn the gain all the way down on the preamp or mixer used with the Nova.
2. If engaged, disengage phantom power on the preamp/mixer.
3. Connect the Nova via a high-quality XLR cable (included).
4. Engage phantom power on the preamp/mixer.
5. Turn up the gain on the preamp/mixer.

Before disconnecting the mic and/or cable, repeat steps 1 and 2 (in order).

Applications

The Nova's clean electronics combine with an all-brass capsule to produce a smooth tone that makes it a great choice as an all-purpose entry-level recording microphone. Use it on vocals, acoustic instruments, guitar amps or room recordings. When you're ready to add to your mic locker, be sure to check out the M-Audio Luna for increased vocal punch and Solaris for multi-pattern recording.

Cardioid Pattern

Cardioid is the most universal microphone polar pattern. This is because the back of the microphone rejects sound, allowing the engineer to isolate the signal source from other performance elements or background noise. The logo side of the microphone is the live ± side.

Care of Your Microphone

Here are a few tips for the care of your Nova microphone:

- Never subject the Nova to physical shock.
- Always use a stand and use the included hard mount when securing to a stand.
- Always wipe the Nova exterior down with a soft dry cloth and return it to its case after each use to prevent damage caused by dust.
- In the event that your Nova needs more extensive cleaning, lightly dampen a soft cloth with water or mild household soap and clean the metal exterior of the Luna, wiping it completely dry when finished. Never spray a cleaning agent on the Nova itself, as excessive moisture can damage the unit.
- Avoid subjecting the Nova to any kind of moisture. In vocal applications, use a windscreen to protect the diaphragm from the build-up of breath condensation and saliva.
- Never disassemble the Nova microphone. There are no user-serviceable parts inside.
- Always use top-quality cables in order to avoid shorts that may damage the microphones electronics.
- Avoid temperature extremes above 95˚F and below 50˚F. To avoid harmful condensation on the diaphragm when moving between indoor and outdoor environments, allow the Nova to acclimate to room (air) temperature before connection.

Nova Specification Data

type: **large-diaphragm condenser, gold evaporated**
polar pattern: **cardioid**
frequency response: **20Hz – 18kHz**
sensitivity: **16mV/Pa (-36dBV)**
max. SPL for 0.5% THD: **128dB**
equivalent noise level: **14dB (A-weighted)**
output Impedance: **200Ω**
recommended load impedance: **>1,000Ω**
preamp topology: **Class-A FET**
power requirement: **+48V phantom power**
connector: **3-pin male XLR**
grille and body: **wire mesh grille, solid brass body**
finish: **silver nickel plating**
dimensions: **1.9" (52 mm) diameter, 7.3" (185 mm) long**
weight: **23 oz. (650 g)**
optional accessories: **SM-4 shock mount (packaged and sold seprately)**

Nova Warranty Terms

M-Audio warrants that this product is free of defects in materials and workmanship under normal use for a period of One (1) Year, so long as the product is: owned by the original purchaser; the original purchaser has proof of purchase from an authorized M-Audio dealer; and the purchaser has registered his/her ownership of the product by sending in the completed warranty card. This warranty explicitly excludes included accesories which may become defective as a result of normal wear and tear.

In the event that M-Audio receives written notice of defects in materials or workmanship from such an original purchaser, M-Audio will either replace the product, repair the product, or refund the purchase price at its option. In the event any repair is required, shipment to and from M-Audio and a nominal handling charge shall be borne by the purchaser. In the event that repair is required, a Return Authorization number must be obtained from M-Audio. After this number is obtained, the unit should be shipped back to M-Audio in a protective package with a description of the problem and the Return Authorization clearly written on the package.

In the event that M-Audio determines that the product requires repair because of user misuse or regular wear, it will assess a fair repair or replacement fee. The customer will have the option to pay this fee and have the unit repaired and returned, or not pay this fee and have the unit returned unrepaired.

The remedy for breach of this limited warranty shall not include any other damages. M-Audio will not be liable for consequential, special, indirect, or similar damages or claims including loss of profit or any other commercial damage, even if its agents have been advised of the possibility of such damages, and in no event will M-Audio's liability for any damages to the purchaser or any other person exceed the price paid for the product, regardless of any form of the claim. M-Audio specifically disclaims all other warranties, expressed or implied. Specifically, M-Audio makes no warranty that the product is fit for any particular purpose.